



Science Resource Center Search Tips

HOW TO USE SCIENCE RESOURCE CENTER

Go to your library Web site to access the *Science Resource Center* URL. The home page prominently features a **Topic List**, with more than 80 of the most commonly studied science topics, from anatomy to zoology. This search is the fastest and easiest: just click on a topic and go directly to full-text reference articles, plus additional content arranged under tabs for easy identification: magazines, academic journals, newspapers, multimedia and Websites.

For more detailed searches, *Science Resource Center* also offers several additional options:

BASIC SEARCH

Above the Topic List there are two search bars. Enter your search term(s) into the text box provided and choose one of three limiters:

- Use **Subject Search** to find results indexed to subject terms that include the search term(s). For the most precise results, enclose your search term(s) in quotes ("chemistry" or "space exploration"). If no exact match is found within the subject index, *Science Resource Center* will default to a keyword search.
- Use **Keyword Search** to find less common terms, such as proper names. This search returns results that include the search term(s) within the title, citation, and/or the first paragraph or two. The keyword search typically returns more results than a subject search, but may include articles that aren't directly relevant to your search term(s).
- Use **Full-Text Search** to search the complete text of each article in *Science Resource Center*. This search returns results that include the search term(s) anywhere in an article and it is useful to find all occurrences of your search term(s). The full-text search typically returns many results, and may include articles that aren't directly relevant to your search term(s). The full-text search is best for very specific searches, such as "Edgar Allan Poe" AND "Olbers's Paradox".

EXAMPLE:

A search on *einstein* returns:

- Subject Search: 40 reference articles and 150 magazine articles
- Keyword Search: 41 reference articles and 440 magazine articles
- Full-text Search: 200 reference articles and 1,958 magazine articles

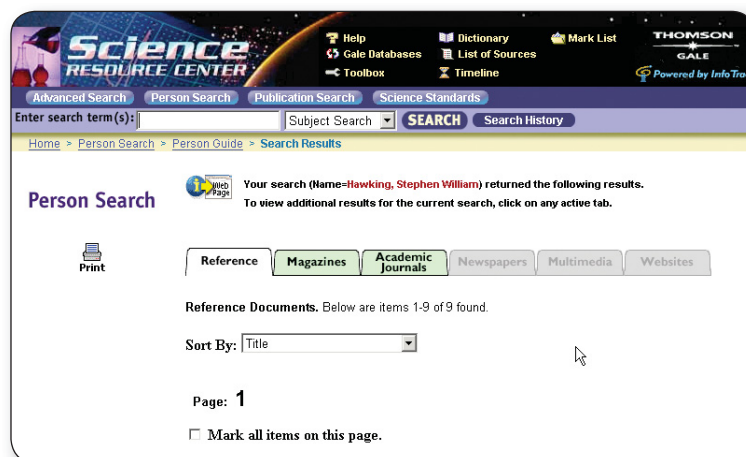
ADVANCED SEARCH

The Advanced Search allows you to search multiple indexes using Boolean operators (AND, OR, NOT). Three search boxes with pull-down menus allow you to enter your search term(s) and select the appropriate indexes including, subject, keyword and full-text. Refine your search further with selections for date of publication, document type, content level (basic, intermediate or advanced) and more.

PERSON SEARCH

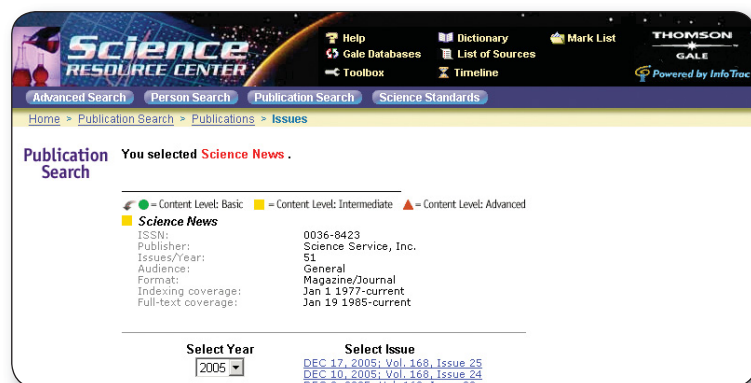
You may identify your subject by keying in his/her name, or use the "Biographical Facts" category to find individuals by:

- Occupation
- Gender
- Nationality
- Birth/Death Year
- Ethnicity
- Birth/Death Place



PUBLICATION SEARCH

Limit your results to the magazines, academic journals and newspapers of your choice. Enter the full or partial title, and receive information on publications containing your search term(s). Click on a publication title to see individual issue links by year — clicking on these links returns citations for all articles from that particular issue. Each citation links to indexed and/or full-text coverage and includes content level (basic, intermediate, advanced) and more.



TOOLS YOU CAN USE

Turn to the *Science Resource Center* toolbox for that extra element of support. Fast-linked information includes:

SCIENCE-RELATED TOOLS

- Periodic tables (full, annotated and blank)
- Taxonomic tables
- Units of measurement
- Solar system planet data
- And much more

SCIENCE STANDARDS

The Science Standards search correlates the database's data to the curriculum — allowing educators to search for content aligned to the most current state and national high school science standards. Standards are linked to one or more Thomson Gale vocabulary subjects, creating a dynamic search that changes as new content is added. You'll find:

- National Science Education Standards links
- Project 2061 Benchmarks for Science Literacy links
- Customized links to state standards

RESEARCH GUIDE

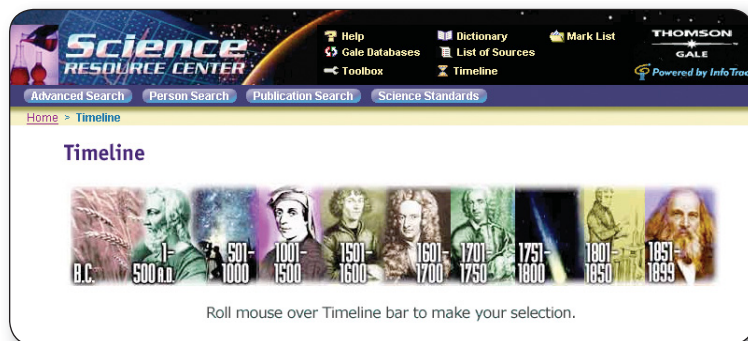
- “How to read a science article”
- “Six steps to successful research”
- Guidelines for laboratory reporting
- Math fundamentals
- And much more

RESEARCH TOOLS

- How to judge information
- How to choose a topic
- How to write a thesis statement
- How to cite a source
- And much more

EXPERIMENTS

Science Resource Center provides extra value to highly involved teachers and librarians — nearly 150 topic-linked, age-appropriate, ready-to-try science experiments from Thomson Gale's award-winning *Experiment Central*. This convenient feature allows users to replicate experiments and projects in the life, physical, environmental and Earth sciences — perfect for classroom projects and science fairs.



TIMELINE

An easy-scrolling timeline allows you to search science topics from antiquity to the present day

DICTIONARY

- *Thomson Gale Science Glossary*
- Merriam Webster's Collegiate Dictionary

Take a guided tour of *Science Resource Center* today!
Visit <http://www.gale.com/SciRC/tour.htm>